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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Gary LUZIO et al.

Group Art: 1761

Appl. No. : 09/589,887

Examiner: Pratt, H.

Filed : June 9, 2000

For : DEESTERIFIED PECTINS, PROCESS FOR PRODUCING SUCH PECTINS,  
AND STABILIZED ACIDIC LIQUID SYSTEMS COMPRISING THE SAME

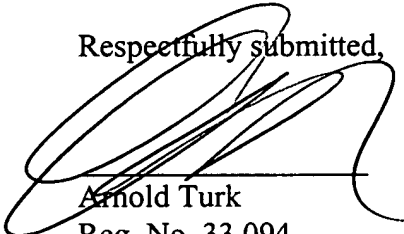
**COVER LETTER RESUBMITTING INFORMATION DISCLOSURE STATEMENT**

Pursuant to the telephone conversation with Examiner Pratt, Applicants are resubmitting a signed copy of the Information Disclosure Statement filed September 13, 2000, accompanied by the date-stamped mailroom receipt evidencing the filing on September 13, 2000.

Applicants respectfully request that an initialed copy of the form PTO-1449 be forwarded with the next communication from the U.S. Patent and Trademark Office.

Should the Examiner have any questions, please contact the undersigned at the telephone number provided below.

Respectfully submitted,

  
Arnold Turk  
Reg. No. 33,094

March 6, 2002  
GREENBLUM & BERNSTEIN, P.L.C.  
1941 Roland Clarke Place  
Reston, Virginia 20191  
(703) 716-1191

GREENBLUM & BERNSTEIN, P.L.L.C.  
Intellectual Property Causes  
1941 Roland Clarke Place  
Reston, VA 20191  
(703) 716-1191

9/12/2000

File In: Mailroom

The Patent Office Date stamp hereon is an acknowledgement that, on the date indicated, the Patent Office received the following:

- ☐ Amendment \_\_\_\_\_
- ☐ Executed Assignment and cover letter  
    ☐ by facsimile
- ☐ Executed S.E.S. ☐ by facsimile
- ☐ Req. for Ext. of Time
- ☐ Fee Filing ☐  
    Recording ☐  
    Issue ☐  
    Extension ☐
- ☐ Fee Transmittal
- ☐ Maintenance Fee Payment
- ☐ PTOL-858 Issue Fee
- ☐ Letter to Draftsman (in trip.)
- ☐ Design Patent Application Transmittal
- ☐ Utility Patent Application Transmittal
- ☐ Provisional Application Cover Sheet
- ☐ Continued Prosecution Application  
    (CPA) Request Transmittal
- ☐ Request for Continued Examination (RCE)  
    including Submission
- ☐ Cover Letter
- ☐ Check No. \_\_\_\_\_ for \$ \_\_\_\_\_
- ☐ Rule 53b and 53f Letter for  
    Unexecuted Application
- ☐ Claim of Priority & Certified  
    Copy of \_\_\_\_\_
- ☐ Declaration ☐ Supplemental  
    ☐ New ☐ Unexecuted  
    ☐ Executed by facsimile
- ☐ Transmittal Letter
- ☐ Patent Application  
    ☐ Provisional ☐ Reexam  
    ☐ Reissue ☐ Design  
    ☐ Continuation ☐ CIP  
    \_\_\_\_\_ pages (w/abstract)  
    \_\_\_\_\_ claims \_\_\_\_\_ independent  
    \_\_\_\_\_ sheets of drawings  
    \_\_\_\_\_ figures
- ☒ I.D.S. form PTO-1449 &  
    References ☒ as attached  
    ☐ as listed on  
        reverse
- ☐ One self-addressed postcard
- ☐ Certification under 1.97(e)
- ☐ Certificate of Mailing (C-O-M)
- ☐ Returned Envelope

In the matter of : ~~PECTIN USEFUL FOR STABILIZATION OF CLOUD AND PULP IN~~  
                            ~~ACIDIC FLUID FOODS~~  
                            *Deoxygenated Pectins, Processes for*  
                            *Producing Such Pectins, And Stabilizing Acid Liquid Systems*  
                            *Comprising the Same*  
Applicant : Gary LUZIO et al.

Application No. : 09/589,887

Filed : 6/09/2000

Patent No. :

Issued :

Docket : P18435 JHT

[illegible]

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Any: Docket No. P18435	Serial No. 09/589,887	142
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Applicant Gary LUZIO et al.		<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">GROUP 1651</div> </div>
				Filing Date June 9, 2000		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4 5 2 9 6 1 3	07/16/85	MEZZINO et al.			
	5 2 8 6 5 1 1	02/15/94	KLAVONS et al.			
	5 6 4 8 1 1 2	07/15/97	YANG et al.			
	5 7 0 7 8 4 7	01/13/98	CHRISTGAU et al.			
	5 8 6 6 1 9 0	02/02/99	BAREY			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	0 6 6 4 3 0 0	07/26/95	E. P. O.			
	1 4 2 4 9 9 0	05/25/77	GREAT BRITAIN			
	8 9 1 1 2 6 4 8	12/28/89	W. I. P. O.			
	9 1 1 1 5 5 1 7	10/17/91	W. I. P. O.			
	9 4 1 2 5 5 7 5	11/10/94	W. I. P. O.			
	9 7 1 0 3 5 7 4	02/06/97	W. I. P. O.			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
	1 English Language Abstract of JP 5-112059.					
	2 Kravtchenko et al., Food Macromolecules and colloids; proceedings of a conference, Dijon, March 1994, 349-355, "Colloidal Stability and Sedimentation of Pectin-Stabilized Acid Milk Drinks"					
	3 Kravtchenko et al., "Characterization of Industrial High Methoxy Pectins", pages 27-35.					
	4 Parker et al., "Effect of the Addition of High Methoxy Pectin on the Rheology and Colloidal Stability of Acid Milk Drinks", pages 307-312					
	5 Glahn, FIA-Jurnal, PEGUJK (doi-24a) - April 4, 1995, pages 1-6, Fig. 1 and pages 1-4, and pages 1-4, and pages 1-2					
	6 Glahn et al., Gums and Stabilizers for the Food Industry 3, edited by Phillips et al., IRL PRESS, "Hydrocolloids and Food Uses of Pectin Fractions", pages 391-402					
	7 Glahn, Prog. Fd. Nutr. Sci., Vol. 6, pp. 171-177, 1982, "Hydrocolloid Stabilization of Protein Suspensions at Low pH".					
EXAMINER				DATE CONSIDERED		

P18435.A01

Application No.09/589,887

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Gary LUZIO et al.

Group Art: 1651

Appl No. : 09/589,887

Examiner: Unknown

Filed : June 9, 2000

For : DEESTERIFIED PECTINS, PROCESS FOR PRODUCING SUCH PECTINS,  
AND STABILIZED ACIDIC LIQUID SYSTEMS COMPRISING THE SAME

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents and Trademarks  
Washington, DC 20231

Sir:

Pursuant to 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.98, Applicants hereby direct the

Examiner's attention to the following information, which includes information cited and  
discussed in the application.

U.S. Patent No. 4,529,613

U.S. Patent No. 5,286,511

U.S. Patent No. 5,648,112

U.S. Patent No. 5,707,847

U.S. Patent No. 5,866,190 cited in the specification of this application at page 4, line 26

to page 5, line 3.

EP 0664300 A

GB 1,474,990

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COPY

WO 89/12648

WO 91/15517

WO 94/25575

WO 97/03574 cited in the specification of this application at page 5, lines 4-8.

English Abstract of JP 8-112059

Kravtchenko et al., Food Macromolecules and colloids; proceedings of a conference, Dijon, March 1994, 349-355, "Colloidal Stability and Sedimentation of Pectin-Stabilized Acid Milk Drinks".

Kravtchenko et al., "Characterization of Industrial High Methoxy Pectins", pages 27-35.

Parker et al., "Effect of the Addition of High Methoxy Pectin on the Rheology and Colloidal Stability of Acid Milk Drinks, pages 307-312

Glahn, FIA-Japan, PEG/JK (dai-24a) - April 4, 1995, pages 1-6, Fig. 1 and pages 1-4, and pages 1-4, and pages 1-3.

Glahn et al., Gums and Stabilisers for the Food Industry 8, edited by Phillips et al., IIRL PRESS, "Properties and Food Uses of Pectin Fractions, pages 393-402.

Glahn, Prog. Fd. Nutr. Sci., Vol. 6, pp. 171-177, 1982,, "Hydrocolloid Stabilization of Protein Suspensions at Low pH".

Speiser et al., Journal of the American Chemical Society, Vol. 68 Feb. 1946, pp. 117-133, "Effect of Molecular Association and Charge Distribution of the Gelation of Pectin".

Speiser et al., "Effect of Molecular Weight and Method of Deesterification on the Gelling Behavior of Pectins", 1946, pp. 287-293.

Kohn et al, Die Nahrung, Vol. 29, (1985)1, pp. 75-85

Markovic et al., Experientia (Basel)40(8), 1984, pp. 842-843

Industrial Gums - Polysaccharides and Their Derivatives, Third Edition, Ed. by Whistler et al, Academic Press, New York, 1993, Chapter 10, pages 257-291.

Matsuura et al., Agric. Biol. Chem., 51(6), 1675-1677, 1987, "Limit to the Deesterification of Citrus Pectin by Citrus Pectinesterase".

Hill et la., Food Technology, Vol. 3, March 1949, pp. 90-93, "Enzyme-Demethylated Pectinates and Their Gelation".

Jarvis, Plant, Cell and Environment (1984) 7, 153-164, "Structure and Properties of Pectin Gels in Plant Cell Walls".

Solms et al., Helv. Chim. Acta, 38, pp. 321-329, "Uber den Mechanismus der enzymatischen Verseifung von Pektinstoffen".

Kohn et al, Collect. Chec. Chem. Commun., 33, pp. 264-269, "Distribution of Free Carboxyl Groups in the Pectin Molecule After Treatment With Pectin Esterase".

Rolin, "Calcium Sensitivity of High Ester Citrus Pectins", 1994, Oxford University Press, edited by Glyn O. Phillips et al., pages 413-422.

Copies of the above-noted documents are enclosed, accompanied by a duly completed Form PTO-1449. The Examiner is accordingly requested to consider each of these documents, and to make them of record in this application by initialing in the appropriate spaces on the Form PTO-1449. Applicants respectfully request that the Examiner include copies of the initialed Forms PTO-1449 with the next communication from the U.S. Patent and Trademark Office.

Applicant also directs the Examiner's attention to the following commonly assigned U.S. applications:

Application No. 08/161,634, filed December 2, 1993.

Application No. 08/161,635, filed December 2, 1993.

Application No.09/192,618, filed November 5, 1998.

Application No. 09/589,888, filed June 9, 2000.

Application No. 09/638,030, filed August 15, 2000.

In accordance with 37 C.F.R. 1.98(a)(2)(iii), copy of the above-mentioned U.S. application is not attached hereto. The Examiner is requested to review the file wrapper of this U.S. application, including the specification, claims and documents cited therein at the U.S. patent Trademark Office. Of course, if for any reason the Examiner cannot locate this application, or if this application is not available, Applicants will provide any requested materials, if possible.

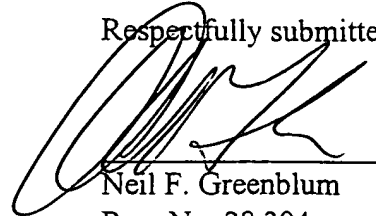
Applicants note that an Office Action on the Merits has not been received in the instant application. However, if an Office Action on the Merits has issued, and is crossing this statement in the mail, the undersigned hereby authorizes the Commissioner to charge any fee necessary for the consideration of this statement, including any payment under 37 C.F.R. § 1.17(p), to Applicants' Deposit Account No. 19-0089. This document is submitted in triplicate for this purpose.

P18435.A01

Application No.09/589,887

If the Examiner has any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully submitted,



Neil F. Greenblum

Reg. No. 28,394

*Reg. No. 33,094*

September 12, 2000  
GREENBLUM & BERNSTEIN, P.L.C.  
1941 Roland Clarke Place  
Reston, Virginia 20191  
(703) 716-1191